



ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/673,273		
		Filing Date	September 30, 2003		
		First Named Inventor	Kunihiro IZUNO		
		Art Unit	2826		
		Examiner Name	F. Erdem		
Sheet	1	of	1	Attorney Docket Number	204552030000

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document:		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
PC	1.	JP-10-163525-A		06-19-1998	SANYO ELECTRIC CO. LTD.		✓

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
✓	2.	Han, J. et al. (1998). "AlGaIn/GaN Quantum Well Ultraviolet Light Emitting Diodes," <i>Applied Physics Letters</i> 73(12):1688-1690.	
✓	3.	Iwaya, M. et al. (2002). "Suppression of Phase Separation of AlGaIn During Lateral Growth and Fabrication of High-efficiency UV-LED on Optimized AlGaIn," <i>Journal of Crystal Growth</i> 237-239:951-955.	
✓	4.	Shatalov, M. et al. (2002). "Deep Ultraviolet Light-Emitting Diodes Using Quaternary AlInGaIn Multiple Quantum Wells," <i>IEEE Journal on Selected Topics in Quantum Electronics</i> 8(2):302-309.	

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Examiner Signature		Date Considered	10/11/01
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va-169684



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		Number-Kind Code ² (if known)			
<i>FE</i>	1.	5,376,580	12-27-1994	KISH et al.	
<i>FE</i>	2.	5,502,316	03-26-1996	KISH et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
<i>FE</i>	3.	JP-6-302857	10-28-1994	HEWLETT PACKARD CO..	Corresponds to U.S. Patent #'s 5,376,580 and 5,502,316, listed above	✓
<i>FE</i>	4.	JP-11-068157	03-09-1999	SUMITOMO ELECTRIC IND. LTD.		✓
<i>FE</i>	5.	JP-10-270761	10-09-1998	ROHM CO LTD.		✓
<i>FE</i>	6.	JP-2001-203385	07-27-2001	NICHIA CHEM. IND. LTD.		✓

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FE	7.	Wong, W.S. et al. (2000). "In _x Ga _{1-x} N Light Emitting Diodes on Si Substrates Fabricated by Pd-In Metal Bonding and Laser Lift-Off," <i>Applied Physics Letters</i> 77(18): 2822-2824.		
h	8.	Kneissl M. et al. (2001). "Continuous-Wave Operation of InGaN Multiple-Quantum-Well Laser Diodes on Copper Substrates Obtained by Laser Liftoff," <i>IEEE Journal on Selected Topics in Quantum Electronics</i> 7(2):188-191.		

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Examiner Signature	<i>John P. Brown</i>	Date Considered	10/11/06
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